

**82900 to 82997**

# **Illustrated Parts List**

## **MODEL SERIES**

# **82900 to 82997**

### **TYPE NUMBERS**

0010 to 0045

0110 to 0321

### **TO FIND**

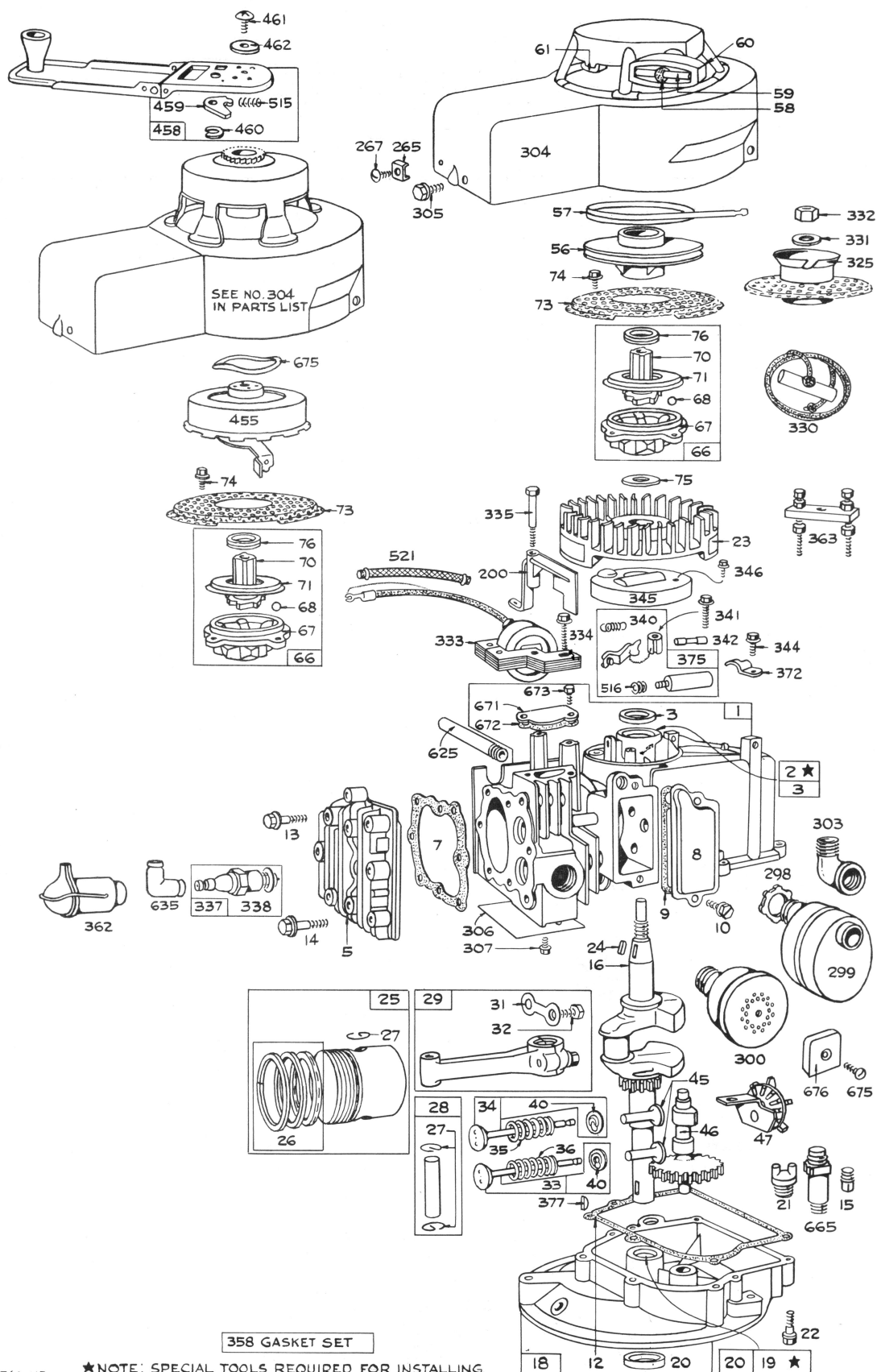
### **THE CORRECT NUMBER OF THE PART YOU NEED:**

### **FOLLOW THE INSTRUCTIONS BELOW.**

- A. Refer to Engine Model, Type and Code Number (formerly Serial Number) that is stamped on the blower housing or name plate of engine. Engine type numbers such as 0137 01 are listed herein only as 0137. The two digits (01 or 02, etc.) to the right of the space are not needed for parts identification. Then use the Illustrated Parts List covering these Model Series.
- B. Refer to Illustrated Parts section and compare the old part with illustration. The number on the illustration is the Reference Number. Assemblies include all parts shown in frames. All parts shown in assembly frames on which individual reference numbers are given can be purchased separately.
- C. After the Reference Number has been identified, refer to the Numerical Parts List, where Reference and Master Part Numbers are listed. **THE MASTER PART IS USED ON ALL TYPE NUMBERS EXCEPT THOSE TYPE NUMBERS UNDER "NOTE".**
- D. If a "Note" appears below the Master Part Number, this means that this part differs from the Master Part for certain types. If the Type Number is listed under "Note", order the part referred to.
- E. If the Engine Type Number does not appear after any part number listed under "Note", use the Master Part Number.
- F. For Type Numbers higher than those covered by this book, please refer to the factory if you are unable to identify the part by comparison.

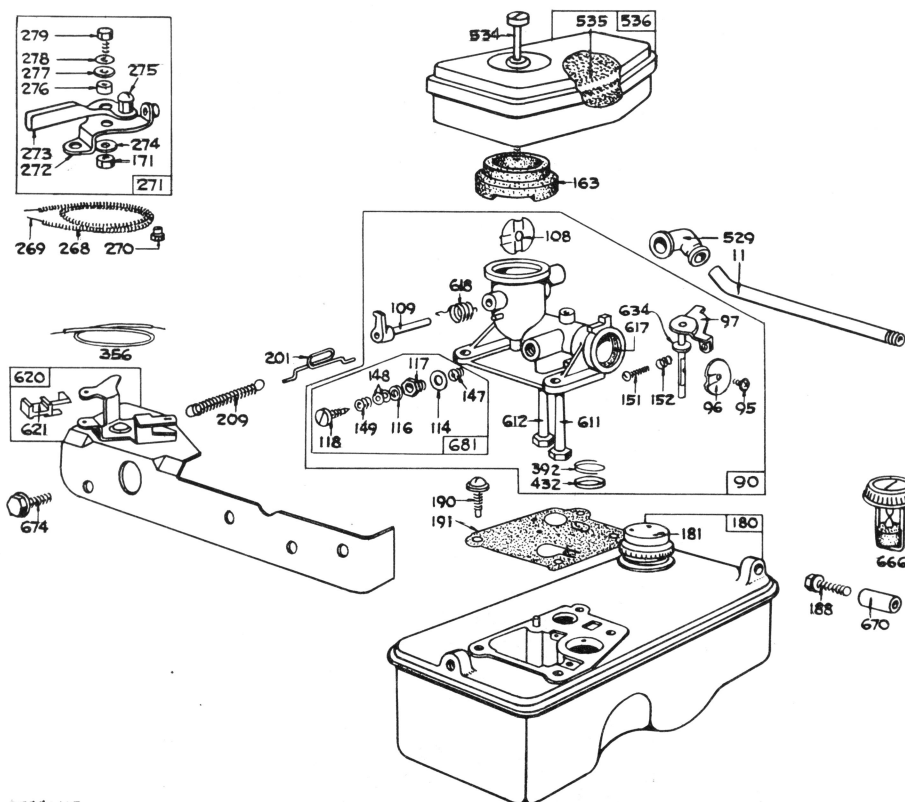


# 82900 to 82997



3740-115

Assemblies include all parts shown in frames



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	298565	Cylinder Assembly <b>Note:</b> 298712 Cylinder Assy. Used on type No. 0231.	15	91084	Plug—Oil Drain <b>Note:</b> 92738 Plug—Oil Drain Used on type No. 0231. 93418 Plug—Oil Drain (Socket Head) Used on type Nos. 0028, 0135, 0151, 0157, 0165, 0172, 0176, 0180, 0182, 0184, 0190, 0199, 0202, 0205, 0220, 0223, 0228, 0229, 0235, 0236, 0237, 0241, 0243, 0256, 0265, 0285, 0291, 0299, 0310, 0314.		0224, 0236, 0238, 0251, 0267, 0273, 0274, 0279, 0294, 0298, 0307, 0308, 0311, 0313.	
2	293708	Bushing—Cylinder <b>Note:</b> Requires special tools for installation.					260097	Crankshaft Used on type Nos. 0023, 0117, 0122, 0132, 0157, 0212, 0218, 0240, 0268, 0283, 0289, 0303, 0304, 0312, 0320.
3	89660	Seal—Oil					260098	Crankshaft Used on type Nos. 0019, 0020, 0118, 0123, 0147, 0162, 0173, 0176, 0180, 0205, 0214, 0221, 0222, 0234, 0237, 0245, 0260, 0265, 0280, 0310, 0314, 0315, 0319.
5	210812	Head—Cylinder					260099	Crankshaft Uses: 220708 Shim— Crankshaft, Thrust Used on type Nos. 0040,
7	*27670	Gasket—Cylinder Head						
8	298383	Breather—Valve Chamber						
9	*270239	Gasket—Valve Cover						
10	93394	Screw—Breather Mtg. Sem						
11	230802	Tube—Breather						
12	*27586	Gasket—Crankcase— .015" thick (Standard)	16	260124	Crankshaft <b>Note:</b> 260091 Crankshaft Used on type No. 0110. 260096 Crankshaft Used on type Nos. 0017, 0018, 0031, 0116, 0121, 0144, 0149, 0153, 0175, 0188, 0189, 0193, 0201, 0206, 0209, 0215, 0216,			
	*27617	Gasket—Crankcase— .005" thick						
	*27618	Gasket—Crankcase— .009" thick						
13	93111	Screw—Cylinder Head (1-15/16" long)						
14	93113	Screw—Cylinder Head (2-5/16" long)						

\* Included in Gasket Set — Part No. 298588

\* Included in Gasket Set — Part No. 298588

# 82900 to 82997

REF. PART NO. NO.	DESCRIPTION	REF. PART NO. NO.	DESCRIPTION	REF. PART NO. NO.	DESCRIPTION
	0041, 0042, 0125, 0126, 0161, 0183, 0194, 0207, 0217, 0249, 0252, 0261, 0262, 0287, 0302, 0306, 0309. <b>260204</b> Crankshaft Used on type No. 0293. <b>260224</b> Crankshaft Uses: <b>220708</b> Shim— Crankshaft, Thrust Used on type Nos. 0043, 0044, 0143, 0145, 0146, 0148, 0152, 0187, 0197, 0211, 0248, 0254, 0303, 0317. <b>260235</b> Crankshaft Used on type Nos. 0160, 0182, 0231, 0244, 0288, 0300, 0318. <b>260319</b> Crankshaft Used on type Nos. 0136, 0208, 0277. <b>260370</b> Crankshaft Used on type Nos. 0029, 0133. <b>260400</b> Crankshaft Used on type No. 0033. <b>260402</b> Crankshaft Used on type No. 0239. <b>260411</b> Crankshaft Used on type Nos. 0028, 0241. <b>260601</b> Crankshaft Used on type Nos. 0170, 0171. <b>260670</b> Crankshaft Used on type Nos. 0021, 0022, 0032, 0137, 0138, 0139, 0140, 0141. <b>260834</b> Crankshaft Used on type Nos. 0200, 0203, 0204, 0210. <b>18 293512</b> Sump—Oil <b>Note:</b> <b>293597</b> Sump—Oil Used on type Nos. 0208, 0210, 0224, 0237, 0265, 0277, 0298, 0314, 0319. <b>295041</b> Sump—Oil	Used on type Nos. 0180, 0185, 0186, 0198, 0271, 0272. <b>298280</b> Sump—Oil Used on all Model 82992, 82996 Series engines, <b>except type Nos. 0040, 0041, 0044</b> which use Part No. <b>294231</b> Sump. <b>298359</b> Sump—Oil Used on type No. 0197. <b>298727</b> Sump—Oil Used on type No. 0204. <b>19 293709</b> Bushing—Oil Sump <b>Note:</b> Requires special tools for installation. <b>20 291841</b> Seal—Oil <b>Note:</b> <b>294167</b> Seal—Oil Used on type No. 0204. <b>294167</b> Seal—Oil (Crankshaft—P.T.O. Side) <b>298041</b> Seal—Oil (1/2" Auxiliary Drive Shaft) Used on all Model 82992, 82996 Series engines <b>except type Nos. 0040, 0041, 0044</b> which use: <b>294167</b> Seal—Oil (Crankshaft—P. T. O. Side) <b>294160</b> Seal—Oil 3/4" Auxiliary Drive Shaft <b>21 66768</b> Plug—Oil Filler <b>22 93032</b> Screw—Sump Mounting Sem <b>23 297949</b> Flywheel—Magneto <b>Note:</b> <b>296884</b> Flywheel—Magneto Used on type Nos. 0015, 0019, 0020, 0023, 0136, 0147, 0157, 0165, 0169, 0173, 0176, 0178, 0180, 0183, 0186, 0197, 0198, 0203, 0204, 0205, 0206, 0208, 0213, 0219, 0220, 0224, 0231, 0234, 0237, 0252, 0257, 0260, 0265, 0269, 0273, 0277, 0278, 0279, 0285, 0286, 0290, 0292, 0298, 0300, 0301, 0308, 0310, 0311, 0314,	0318, 0319, 0320. <b>24 61760</b> Key—Flywheel <b>25 295587</b> Piston Assy.—Standard <b>295588</b> Piston Assembly— .010" O. S. <b>295589</b> Piston Assembly— .020" O. S. <b>295590</b> Piston Assembly— .030" O. S. <b>26 294232</b> Ring Set—Standard Piston Consists of: <b>210471</b> Ring, Piston, Compression, Top, Std. <b>210472</b> Ring, Piston, Compression, Center, Std <b>210473</b> Ring, Piston, Oil, Standard <b>294224</b> Ring Set—.010" O. S. Piston Consists of: <b>210490</b> Ring, Piston, Compression, Top, .010" O. S. <b>210489</b> Ring, Piston, Compression, Center, .010" O. S. <b>210491</b> Ring, Piston, Oil, .010" O. S. <b>294225</b> Ring Set—.020" O. S. Piston Consists of: <b>210493</b> Ring, Piston, Top, .020" O. S. <b>210492</b> Ring, Piston, Compression, Center, .020" O. S. <b>210494</b> Ring, Piston, Oil, .020" O. S. <b>294226</b> Ring Set—.030" O. S. Piston Consists of: <b>210496</b> Ring, Piston, Compression, Top, .030" O. S. <b>210495</b> Ring, Piston, Compression, Center, .030" O. S. <b>210497</b> Ring, Piston, Oil, .030" O. S. <b>27 26026</b> Lock—Piston Pin		

\* Included in Gasket Set — Part No. 298588

\* Included in Gasket Set — Part No. 298588



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
28	291925	Pin Assembly—Piston—Standard			except type Nos. 0040, 0041, 0044 which use Part No. 210804 Cam Gear (3/4" Dia. P. T. O).	152	260746	Spring—Throttle Adjustment
	291926	Pin Assembly—Piston—.005" O. S.				163	*270228	Gasket—Air Cleaner Mtg.
29	294201	Rod Assembly—Connecting	47	294652	Oil Slinger Gear and Bracket	171	92129	Nut—Hex. —1/4-28
31	220756	Lock—Connecting Rod Screw		Note:	294718 Oil Slinger Gear and Bracket	180	298465	Tank Assembly—Fuel
32	92296	Screw—Connecting Rod			Used on type Nos. 0040, 0041, 0044.	181	298425	Cap—Fuel Tank
33	296676	Valve—Exhaust	56	294088	Pulley—Rewind Starter	188	93444	Screw—Hex. Hd. Sem
	Note:	26973 Valve—Exhaust Used on type Nos. 0166, 0210, 0271, 0275, 0276, 0303, 0317.	57	294303	Spring—Rewind Starter	190	93440	Screw—Fuel Tank Mtg.
		260075 Valve—Exhaust, Stellite	58	66384	Rope—Rewind Starter—47-1/8" Long	191	*270253	Gasket and Diaphragm—Fuel Tank
		Used on type No. 0231.		Note:	If longer rope is needed, order No. 66514 and cut to required length.	200	68388	Blade—Governor
34	296677	Valve—Intake	59	230228	Pin—Starter Rope	201	260821	Link—Governor
	Note:	230101 Valve—Intake Used on type No. 0231.	60	66728	Grip—Starter Rope	209	260832	Spring—Governor
35	260552	Spring—Intake Valve	61	66528	Bumper—Starter Pulley		Note:	260827 Spring—Governor (For 4000 to 4200 rpm top speed set—no load) Used on type Nos. 0028, 0129, 0131, 0136, 0153, 0154, 0155, 0167, 0168, 0169, 0170, 0171, 0173, 0174, 0175, 0176, 0180, 0186, 0190, 0197, 0198, 0199, 0200, 0201, 0203, 0204, 0205, 0209, 0211, 0213, 0234, 0235, 0237, 0241, 0244, 0245, 0256, 0265, 0273, 0274, 0285, 0287, 0291, 0295, 0296, 0299, 0306, 0308, 0309, 0316.
36	26478	Spring—Exhaust Valve	66	298310	Clutch Assembly—Rewind and Wind-up Starter			260835 Spring—Governor (3200 to 3400 rpm top speed set—no load) Used on type Nos. 0133, 0135, 0142, 0144, 0145, 0146, 0149, 0151, 0158, 0159, 0160, 0161, 0164, 0172, 0182, 0183, 0184, 0206, 0208, 0210, 0212, 0231, 0239, 0246, 0249, 0251, 0252, 0253, 0259, 0260, 0267, 0275, 0276, 0278, 0279, 0283, 0286, 0288, 0289, 0294, 0298, 0303, 0304, 0314, 0317.
	Note:	26826 Spring—Exhaust Valve	67	211383	Housing—Starter Clutch	265	22372	Clamp—Casing
		Used on type Nos. 0166, 0210, 0231, 0271, 0275, 0276, 0303, 0317.	68	63770	Ball—Clutch	267	93469	Screw—Clamp Mounting
40	93312	Retainer—Valve Spring	70	298436	Ratchet—Rewind and Wind-up Starter	268	66986	Casing—Control Wire—48" Long
		Used with valves with groove in stem.	71	221653	Washer—Clutch Retainer		Note:	If longer casing is
	Note:	23184 Retainer—Intake Valve Spring	73	221661	Screen—Rewind and Wind-up Starter			
		23187 Pin—Intake Valve Spring Retainer	74	93042	Screw—Rotating Screen Mounting Sem			
		Used on type No. 0231.	75	220865	Washer—Spring			
		292259 Rotocap—Exhaust Valve	76	68238	Washer—Ratchet Sealing			
		230126 Pin—Exhaust Valve Rotocap Retainer	90	298567	Carburetor Assembly			
		230127 Retainer—Exhaust Valve Rotocap	95	93385	Screw—Throttle Valve Mounting Sem			
		Used on type Nos. 0166, 0210, 0231, 0271, 0275, 0276, 0303, 0317.	96	211237	Valve—Throttle			
45	230173	Tappet—Valve	97	298460	Shaft and Lever—Throttle			
46	210453	Gear—Cam	108	67778	Valve—Choke			
	Note:	211337 Gear—Cam (1/2" Dia. P. T. O.)	109	67768	Shaft and Lever—Choke			
		Used on all Model 82992, 82996 Series engines	114	66594	Gasket—Needle Valve Nut			
			116	65978	Packing—Needle Valve			
			117	230590	Nut—Needle Valve			
			118	23433	Valve—Needle			
			147	230591	Seat—Needle Valve			
			148	22235	Washer—Needle Valve			
			149	26336	Spring—Needle Valve			
			151	93524	Screw			

\* Included in Gasket Set — Part No. 298588

# 82900 to 82997

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
		needed, specify length in inches; if a shorter casing is needed order No. 66986 and cut to required length.			0174, 0179, 0185, 0187, 0203, 0204, 0209, 0213, 0215, 0238, 0247, 0248, 0278, 0279, 0287, 0292, 0299, 0307, 0309.	335	93435	Screw—Armature and Governor Blade Mounting Sem
269	26099	Wire—Control, 54" Long			298602 Housing—Blower (For Rewind Starter) Used on type Nos. 0136, 0148, 0196, 0260, 0268, 0300, 0308, 0314.	337	29693	Plug—Spark (with gasket)
	<b>Note:</b>	If longer wire is needed, specify length in inches; if shorter wire is needed order No. 26099 and cut to required length.			298604 Housing—Blower (For Rewind Starter) Used on type Nos. 0021, 0137, 0139, 0152, 0164, 0177, 0217, 0218, 0241, 0275, 0296, 0315.		<b>Note:</b>	293918 Plug—Spark (With Gasket) Used on type Nos. 0028, 0207, 0216, 0240, 0241, 0268.
270	63426	Locknut—Control Wire Casing			298606 Housing—Blower (For Rewind Starter) Used on type Nos. 0147, 0163, 0172, 0178, 0183, 0193, 0194, 0197, 0198, 0220, 0223, 0228, 0233, 0320.	338	29806	Gasket—Spark Plug
271	290568	Lever Assembly—Control			298608 Housing—Blower (For Rewind Starter) Used on type No. 0297.	340	26018	Spring—Breaker Arm
272	290584	Base—Control Lever	305	93479	Screw—Blower Housing Mounting Sem	341	93381	Screw—Contact Finger Post Mounting Sem
273	290642	Lever—Control	306	220478	Shield—Cylinder	342	65704	Plunger—Breaker Point
274	91237	Washer—Lock—1/4 x 3/32 x 5/64"	307	93042	Screw—Cylinder Shield Mounting Sem	344	93042	Screw—Condenser Clamp Mounting Sem
275	92287	Screw—Machine, Rd. Hd.—10-32 x 1/2"	325	293959	Starter Pulley with Screen	345	220366	Cover—Breaker Point and Condenser
276	22834	Washer—Spacer		<b>Note:</b>	298731 Starter Pulley with Screen Used on type Nos. 0265, 0298.	346	93014	Screw—Dust Cover Mounting Sem
277	22368	Washer—Control Lever	330	29878	Rope—Starter	356	298479	Wire—Ground
278	22725	Washer—Control Lever	331	62577	Washer—Flywheel	358	298588	Gasket Set
279	92306	Screw—Cap, Hex. Hd.—1/4-28 x 5/8"		<b>Note:</b>	220865 Washer—Flywheel Used on type Nos. 0265, 0298.	362	89742	Shield—Spark Plug
298	220859	Locknut—Muffler	332	91708	Nut—Flywheel	363	19069	Pulley—Flywheel (Optional Accessory)
	<b>Note:</b>	91811 Locknut—Muffler Used on type No. 0291.		<b>Note:</b>	92284 Nut—Flywheel Used on type Nos. 0265, 0298.	372	220477	Clamp—Condenser
299	294441	Muffler—Exhaust	333	298502	Armature—Magneto	375	294628	Breaker Points and Condenser Set
300	298395	Muffler—Exhaust	334	93381	Screw—Armature Mounting Sem		<b>Note:</b>	299061 Ignition Kit Includes: 294628 Point Set 65704 Plunger 61760 Key—Flywheel
	<b>Note:</b>	89966 Muffler—Exhaust Used on type No. 0291.				377	93065	Key—Woodruff No. 505
303	91943	Elbow—Exhaust, 90°, Street				392	260455	Spring—Fuel Pump Diaphragm
304	298568	Housing—Blower (For Rewind Starter)				432	221377	Cap—Spring
	<b>Note:</b>	298467 Housing—Blower (For Rope Starter) Used on Model 82901 Series.				455	297542	Cup, Spring and Release Assembly
		298570 Housing—Blower (For Wind-up Starter) Used on Model 82906, 82996 Series.				458	298431	Handle Assembly—Cranking
		298599 Housing—Blower (For Rewind Starter) Used on type Nos. 0016, 0018, 0020, 0022, 0029, 0041, 0132, 0138, 0162,				459	221332	Pawl—Ratchet
						460	93272	Retainer—Ratchet Pawl
						461	93298	Screw—Handle Mounting
						462	221237	Washer—Handle Mounting
						515	260537	Spring—Ratchet Pawl
						516	260374	Spring—Connector
						521	297973	Shielding—Ignition Cable
						529	67838	Grommet—Breather

\* Included in Gasket Set — Part No. 298588

# 82900 to 82997

REF. PART NO. NO. DESCRIPTION	REF. PART NO. NO. DESCRIPTION	REF. PART NO. NO. DESCRIPTION
<b>534 93374</b> Screw—Air Cleaner <b>535 270251</b> Element—Air Cleaner <b>536 298566</b> Cleaner Assembly—Air <b>611 297219</b> Pipe—Fuel (Long) <b>612 296811</b> Pipe—Fuel (Short) <b>617 270248</b> Seal—Fuel Intake Tube <b>618 260831</b> Spring—Choke Return <b>620 298468</b> Plate Assembly— Carburetor Control <b>Note: 298469</b> Plate Assembly— Carburetor Control Used on type Nos. 0015, 0016, 0017, 0018, 0019, 0020, 0021, 0022, 0023, 0028, 0029, 0030, 0031, 0032, 0033, 0040, 0041, 0042, 0043, 0044, 0135, 0166, 0173, 0176, 0182, 0192, 0195, 0196, 0205,	0208, 0224, 0234, 0235, 0241, 0243, 0244, 0249, 0253, 0256, 0260, 0264, 0266, 0267, 0270, 0271, 0272, 0274, 0277, 0283, 0289, 0298, 0299, 0301, 0314, 0318, 0319. <b>298652</b> Control Assembly Uses: <b>93475</b> Screw (Control to Blower Housing) Includes: <b>260846</b> Link— Control <b>260867</b> Washer— Swivel Pin <b>230821</b> Pin— Lever Swivel <b>93461</b> Screw— Wire to Swivel	Used on type Nos. 0137, 0141, 0200, 0201. <b>621 297472</b> Switch—Stop <b>625 230803</b> Tube—Fuel Intake <b>634 270167</b> Washer—Throttle Shaft (Felt) <b>635 66538</b> Elbow—Spark Plug <b>665 296768</b> Oil Minder <b>666 297073</b> Gauge—Fuel Level <b>670 211412</b> Spacer—Fuel Tank <b>671 221720</b> Cover—Intake Port <b>672 270254</b> Gasket—Intake Port Cover <b>673 93438</b> Screw—Intake Port Cover <b>674 93447</b> Screw—Tank to Bracket <b>675 93408</b> Washer—Starter Spring Housing Spring <b>676 221643</b> Deflector—Muffler <b>677 93378</b> Screw—Muffler Deflector <b>681 299060</b> Needle Valve Kit

